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To: Examiner Herng Der Day

From: E. Eugene Thigpen

Subject: U. S. Patent Application 09/498,012

PTO/SB/21 (09-04)

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	08498,012	
	Filing Date	February 04, 2000	
	First Named Inventor	Jarchoy, Craig M.	
	Art Unit	2128	
	Examiner Name	Doy, Hong Dor	
Total Number of Pages in This Submission	6	Attorney Docket Number	APA-001

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Total 6 pages includes transmittal form and amendment reply.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	E. Eugene Thigpen, Attorney		
Signature	<i>E. Eugene Thigpen</i>		
Printed name	E. Eugene Thigpen		
Date	July 5, 2005	Reg. No.	27, 400

CERTIFICATE OF TRANSMISSION/MAILING

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Signature	<i>E. Eugene Thigpen</i>		
Typed or printed name	E. Eugene Thigpen	Date	July 5, 2005

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In re application of: § Group Art Unit: 2128
Craig M. Jarchow §
Serial No: 09/498,012 § Examiner: Day, Herng Der
Filed: February 4, 2000 § Attorney Docket No. APA-001
Title: System for Estimating Thickness of Thin Subsurface Strata

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL RESPONSE TO
REPLY UNDER 37 CFR § 1.111

Sir:

(A) Introductory Comments

The following is a supplemental amendment to the amendment transmitted to the USPTO by first class mail on May 31, 2005. The amendments shown in the following claims are based on the claims submitted with said May 31, 2005 response to Office Action.

Amendments to the claims begin on page 2 of this response
Remarks begin on page 5 of this response